

## RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 11/511, 490

Source: PCT

Date Processed by STIC: 12/14/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 12/14/2005

PATENT APPLICATION: US/10/511,490

TIME: 14:43:53

Input Set : D:\10496599.txt

Output Set: N:\CRF4\12142005\J511490.raw

4 <110> APPLICANT: Thermo Finnigan Corporation  
 6 <120> TITLE OF INVENTION: QUANTITATION OF BIOLOGICAL MOLECULES  
 8 <130> FILE REFERENCE: 12671-007WO1  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/511,490  
 C--> 10 <141> CURRENT FILING DATE: 2004-10-15  
 10 <150> PRIOR APPLICATION NUMBER: US 60/373,007  
 11 <151> PRIOR FILING DATE: 2002-04-15  
 13 <160> NUMBER OF SEQ ID NOS: 47  
 15 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 9  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Bos taurus  
 22 <400> SEQUENCE: 1  
 23 Ala Leu Lys Ala Trp Ser Val Ala Arg  
 24 1 5  
 26 <210> SEQ ID NO: 2  
 27 <211> LENGTH: 10  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Bos taurus  
 31 <400> SEQUENCE: 2  
 32 Glu Ala Cys Phe Ala Val Glu Gly Pro Lys  
 33 1 5 10  
 35 <210> SEQ ID NO: 3  
 36 <211> LENGTH: 16  
 37 <212> TYPE: PRT  
 38 <213> ORGANISM: Bos taurus  
 40 <400> SEQUENCE: 3  
 41 Asn Glu Cys Phe Leu Ser His Lys Asp Asp Ser Pro Asp Leu Pro Lys  
 42 1 5 10 15  
 44 <210> SEQ ID NO: 4  
 45 <211> LENGTH: 17  
 46 <212> TYPE: PRT  
 47 <213> ORGANISM: Bos taurus  
 49 <400> SEQUENCE: 4  
 50 Cys Cys Ala Ala Asp Asp Lys Glu Ala Cys Phe Ala Val Glu Gly Pro  
 51 1 5 10 15  
 52 Lys  
 55 <210> SEQ ID NO: 5  
 56 <211> LENGTH: 11  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Bos taurus  
 60 <400> SEQUENCE: 5

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61 His Leu Val Asp Glu Pro Gln Asn Leu Ile Lys
62 1          5          10
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 14
66 <212> TYPE: PRT
67 <213> ORGANISM: Bos taurus
69 <400> SEQUENCE: 6
70 Tyr Asn Gly Val Phe Gln Glu Cys Cys Gln Ala Glu Asp Lys
71 1          5          10
73 <210> SEQ ID NO: 7
74 <211> LENGTH: 7
75 <212> TYPE: PRT
76 <213> ORGANISM: Bos taurus
78 <400> SEQUENCE: 7
79 Tyr Leu Tyr Glu Ile Ala Arg
80 1          5
82 <210> SEQ ID NO: 8
83 <211> LENGTH: 13
84 <212> TYPE: PRT
85 <213> ORGANISM: Bos taurus
87 <400> SEQUENCE: 8
88 Asp Asp Pro His Ala Cys Tyr Ser Thr Val Phe Asp Lys
89 1          5          10
91 <210> SEQ ID NO: 9
92 <211> LENGTH: 15
93 <212> TYPE: PRT
94 <213> ORGANISM: Bos taurus
96 <400> SEQUENCE: 9
97 Lys Val Pro Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg
98 1          5          10          15
100 <210> SEQ ID NO: 10
101 <211> LENGTH: 12
102 <212> TYPE: PRT
103 <213> ORGANISM: Bos taurus
105 <400> SEQUENCE: 10
106 Arg His Pro Glu Tyr Ala Val Ser Val Leu Leu Arg
107 1          5          10
109 <210> SEQ ID NO: 11
110 <211> LENGTH: 13
111 <212> TYPE: PRT
112 <213> ORGANISM: Bos taurus
114 <400> SEQUENCE: 11
115 Leu Lys Pro Asp Pro Asn Thr Leu Cys Asp Glu Phe Lys
116 1          5          10
118 <210> SEQ ID NO: 12
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120 <212> TYPE: PRT
121 <213> ORGANISM: Bos taurus
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124 Val Pro Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg
125 1 5 10
127 <210> SEQ ID NO: 13
128 <211> LENGTH: 10
129 <212> TYPE: PRT
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132 <400> SEQUENCE: 13
133 Lys Gln Thr Ala Leu Val Glu Leu Leu Lys
134 1 5 10
136 <210> SEQ ID NO: 14
137 <211> LENGTH: 10
138 <212> TYPE: PRT
139 <213> ORGANISM: Bos taurus
141 <400> SEQUENCE: 14
142 Leu Val Asn Glu Leu Thr Glu Phe Ala Lys
143 1 5 10
145 <210> SEQ ID NO: 15
146 <211> LENGTH: 12
147 <212> TYPE: PRT
148 <213> ORGANISM: Bos taurus
150 <400> SEQUENCE: 15
151 Ser Leu His Thr Leu Phe Gly Asp Glu Leu Cys Lys
152 1 5 10
154 <210> SEQ ID NO: 16
155 <211> LENGTH: 9
156 <212> TYPE: PRT
157 <213> ORGANISM: Bos taurus
159 <400> SEQUENCE: 16
160 Gln Thr Ala Leu Val Glu Leu Leu Lys
161 1 5
163 <210> SEQ ID NO: 17
164 <211> LENGTH: 15
165 <212> TYPE: PRT
166 <213> ORGANISM: Equus caballus
168 <400> SEQUENCE: 17
169 Val Gly Gly His Ala Gly Glu Tyr Gly Ala Glu Ala Leu Glu Arg
170 1 5 10 15
172 <210> SEQ ID NO: 18
173 <211> LENGTH: 12
174 <212> TYPE: PRT
175 <213> ORGANISM: Equus caballus
177 <400> SEQUENCE: 18
178 Asp Phe Thr Pro Glu Leu Gln Ala Ser Tyr Gln Lys
179 1 5 10
181 <210> SEQ ID NO: 19
182 <211> LENGTH: 16
183 <212> TYPE: PRT
184 <213> ORGANISM: Equus caballus
186 <400> SEQUENCE: 19

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187 Thr Tyr Phe Pro His Phe Asp Leu Ser His Gly Ser Ala Gln Val Lys
188 1 5 10 15
190 <210> SEQ ID NO: 20
191 <211> LENGTH: 12
192 <212> TYPE: PRT
193 <213> ORGANISM: Equus caballus
195 <400> SEQUENCE: 20
196 Phe Leu Ser Ser Val Ser Thr Val Leu Thr Ser Lys
197 1 5 10
199 <210> SEQ ID NO: 21
200 <211> LENGTH: 9
201 <212> TYPE: PRT
202 <213> ORGANISM: Equus caballus
204 <400> SEQUENCE: 21
205 Ala Ala Val Leu Ala Leu Trp Asp Lys
206 1 5
208 <210> SEQ ID NO: 22
209 <211> LENGTH: 9
210 <212> TYPE: PRT
211 <213> ORGANISM: Equus caballus
213 <400> SEQUENCE: 22
214 Met Phe Leu Gly Phe Pro Thr Thr Lys
215 1 5
217 <210> SEQ ID NO: 23
218 <211> LENGTH: 12
219 <212> TYPE: PRT
220 <213> ORGANISM: Equus caballus
222 <400> SEQUENCE: 23
223 Leu Leu Gly Asn Val Leu Val Val Val Leu Ala Arg
224 1 5 10
226 <210> SEQ ID NO: 24
227 <211> LENGTH: 13
228 <212> TYPE: PRT
229 <213> ORGANISM: Equus caballus
231 <400> SEQUENCE: 24
232 Gln Asn Tyr Ser Thr Glu Val Glu Ala Ala Val Asn Arg
233 1 5 10
235 <210> SEQ ID NO: 25
236 <211> LENGTH: 11
237 <212> TYPE: PRT
238 <213> ORGANISM: Equus caballus
240 <400> SEQUENCE: 25
241 Thr Gly Pro Asn Leu His Gly Leu Phe Gly Arg
242 1 5 10
244 <210> SEQ ID NO: 26
245 <211> LENGTH: 7
246 <212> TYPE: PRT
247 <213> ORGANISM: Equus caballus
249 <400> SEQUENCE: 26

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250 Met Ile Phe Ala Gly Ile Lys
251 1 5
253 <210> SEQ ID NO: 27
254 <211> LENGTH: 8
255 <212> TYPE: PRT
256 <213> ORGANISM: Equus caballus
258 <400> SEQUENCE: 27
259 Glu Asp Leu Ile Ala Tyr Leu Lys
260 1 5
262 <210> SEQ ID NO: 28
263 <211> LENGTH: 6
264 <212> TYPE: PRT
265 <213> ORGANISM: Equus caballus
267 <400> SEQUENCE: 28
268 Glu Leu Gly Phe Gln Gly
269 1 5
271 <210> SEQ ID NO: 29
272 <211> LENGTH: 8
273 <212> TYPE: PRT
274 <213> ORGANISM: Equus caballus
276 <400> SEQUENCE: 29
277 Tyr Lys Glu Leu Gly Phe Gln Gly
278 1 5
280 <210> SEQ ID NO: 30
281 <211> LENGTH: 15
282 <212> TYPE: PRT
283 <213> ORGANISM: Equus caballus
285 <400> SEQUENCE: 30
286 Val Glu Ala Asp Ile Ala Gly His Gly Gln Glu Val Leu Ile Arg
287 1 5 10 15
289 <210> SEQ ID NO: 31
290 <211> LENGTH: 6
291 <212> TYPE: PRT
292 <213> ORGANISM: Equus caballus
294 <400> SEQUENCE: 31
295 Ala Leu Glu Leu Phe Arg
296 1 5
298 <210> SEQ ID NO: 32
299 <211> LENGTH: 15
300 <212> TYPE: PRT
301 <213> ORGANISM: Equus caballus
303 <400> SEQUENCE: 32
304 His Gly Thr Val Val Leu Thr Ala Leu Gly Gly Ile Leu Lys Lys
305 1 5 10 15
307 <210> SEQ ID NO: 33
308 <211> LENGTH: 14
309 <212> TYPE: PRT
310 <213> ORGANISM: Equus caballus
312 <400> SEQUENCE: 33

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,490

DATE: 12/14/2005

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Input Set : D:\10496599.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date